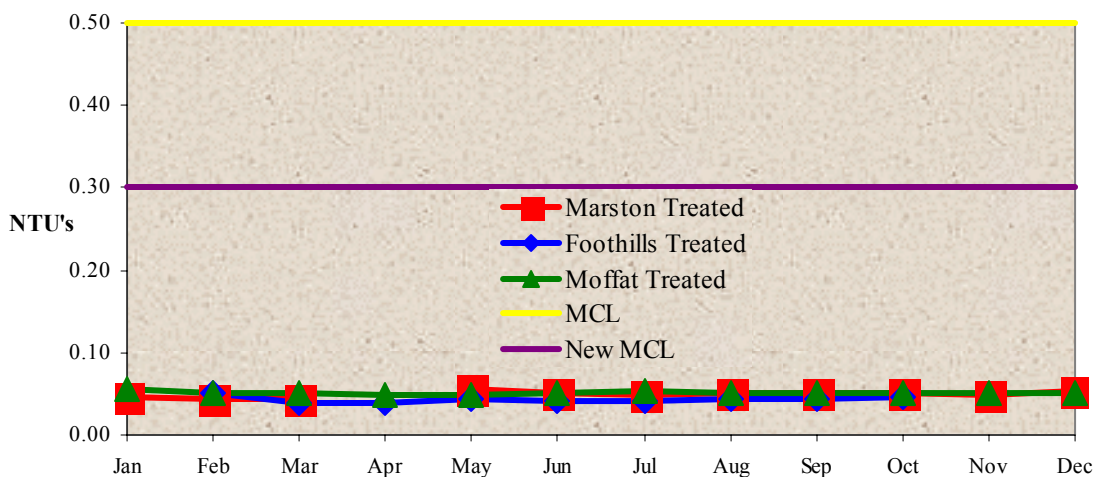


Turbidity And Hardness Graphs

Turbidity refers to the clarity of the water. EPA has established a Maximum Contaminant Level (MCL) for turbidity where at least 95% of the samples must be less than or equal to 0.50 Nephelometric Turbidity Units (NTU) leaving the treatment plants. As of January 2002, 0.30 NTU's will be the new MCL.

Monthly Average Turbidity for Treatment Plant Effluents for 2001



Water hardness is a result of calcium and magnesium salts dissolved in water. High concentrations of these minerals make water 'hard'. There is no universal hardness scale for water. Generally, water with hardness as Calcium Carbonate of less than 12 grains per gallon is not considered hard. Therefore, the South Platte source is moderately hard water that varies seasonally from about 5 to 7 grains per gallon (gpg) of hardness and the Moffat source is soft, and varies seasonally from about 2 to 4 gpg. Most customers calling about hardness are inquiring for soap or detergent usage amounts, or adding tap water to their irons or humidifiers.

Monthly Average Hardness for Treatment Plant Effluents for 2001

